



CVC-340LC

MOTION SENSOR SECURITY LIGHTS WITH B/W CCD CAMERA



FEATURES

- 3.6mm WIDE ANGLE LENS
- 0.5 LUX
- MOTION SENSOR FOR LIGHTING CONTROL
- WEATHERPROOF OUTDOOR CAMERA BUILT INTO AN OUTDOOR LIGHT FIXTURE
- SURFACE MOUNT WEATHERPROOF ELECTRICAL BOX
- 12V DC POWER SUPPLY, AC ADAPTER
- MOUNTING BRACKET AND WIRING HARNESS INCLUDED

THE PROVIDEO PRODUCT LINE INCLUDES:

- Video Observation Systems
- Color Cameras
- B/W Cameras
- Specialty Cameras
- Board Cameras
- Weatherproof Cameras
- Mounting Brackets & Lenses
- Video Door Phones
- B/W Monitors
- Color Monitors
- Sequential Switchers
- Quad Splitters
- Vehicular Rear Vision Systems
- VCR's and Other Accessories
- Wireless Video Cameras

Specifications subject to change without notice.

SPECIFICATIONS

IMAGE DEVICE	1/3" CCD image sensor
SCANNING SYSTEM	512 H x 492 V picture elements
INTERLACE	EIA standard 525 TV lines 60 fields/sec
SYNCHRONIZATION SYSTEM	PLL 2:1
RESOLUTION	Internal
SHUTTER CONTROL	Hor. 380 TV lines, Vert. 350 TV lines
ELECTRONIC SHUTTER	Auto 1/60 - 1/50,000 sec
LENS/ANGLE OF VIEW	Built-in
SCANNING FREQUENCY	3.6mm lens, Hor. 72°, Vert. 53°
MINIMUM ILLUMINATION	Hor 15.75 KHz, Vert 60 Hz
VIDEO OUTPUT LEVEL	0.5 Lux (F1.4) incandescent lighting
	1.0 Vp-p, 75 ohms composite,
VIDEO S/N RATIO	RCA connector
OUTPUTS/CONNECTIONS	Greater than 45dB
OPERATING TEMPERATURE	RCA - Video with BNC adapter,
HUMIDITY	DC jack - power
POWER REQUIREMENTS	14°F-130°F
	Within 90% RH
POWER CONSUMPTION	12V DC power supply included,
WEIGHT	UL and CSA listed
DIMENSIONS	100mA
HOUSING	2-1/2 lbs (includes light housing)
	Base 5" dia x 10" Deep (w mounting ears center to center)
	Black metal

CSI/SPECO

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Heath/Zenith

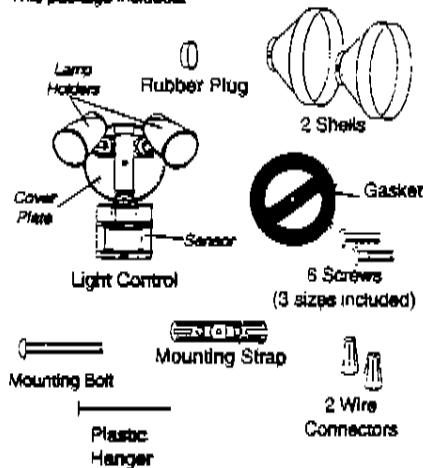
Motion Sensor Light Control

Model SL-5412

Features

- Turns on lighting when motion is detected.
- Automatically turns lighting off.
- Phantom keeps the lighting off during daylight hours.
- LED indicates motion was sensed (day or night).

This package includes:



Requirements

- The Light Control requires 120-volt AC.
- If you want to use Manual Mode, the control must be wired through a switch.
- Some codes require installation by a qualified electrician.
- This product is intended for use with the enclosed gasket and with a junction box marked for use in wet locations.

OPERATION

Mode	On-Time:	Works; Day	Night
Test	5 Sec.	X	X
Auto	1, 5, 10 min.		X
Manual Until Dawn*			X

* reverts to Auto Mode at dawn.

Note: When first turned on wait about 1½ minutes for the circuitry to calibrate.

TEST

Put the ON-TIME switch on the bottom of the sensor in the TEST position.

ON-TIME	
10 S 1 TEST	

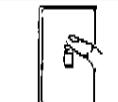
AUTO

Put the ON-TIME switch in the 1, 5 or 10 minute position.

ON-TIME	
10 S 1 TEST	

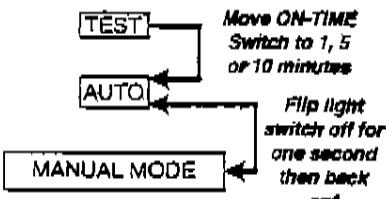
MANUAL MODE

Manual mode only works at night because daylight reverts the sensor to AUTO.

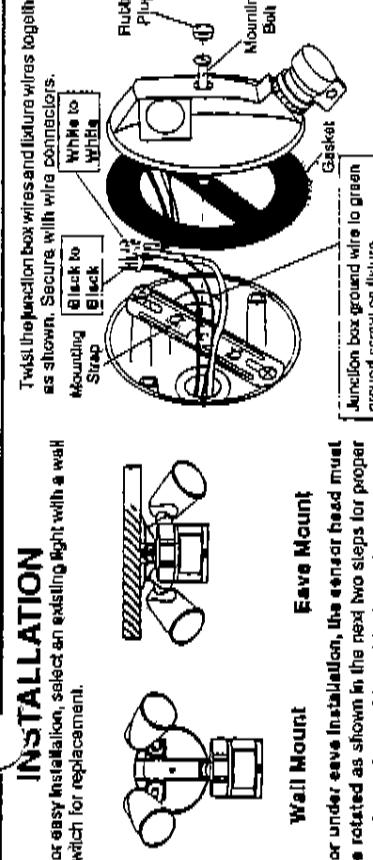


Manual mode works only with the ON-TIME switch in the 1, 5, or 10 position.

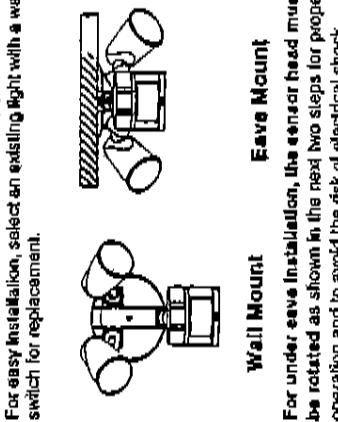
Mode Switching Summary



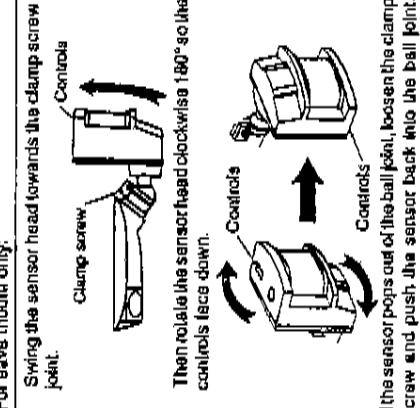
* If you get confused while switching modes, turn the power off for one minute, then back on. After the calibration time the control will be in the AUTO mode.



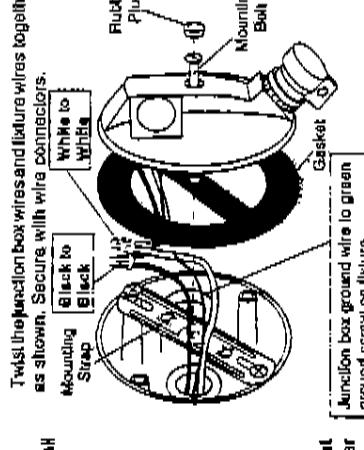
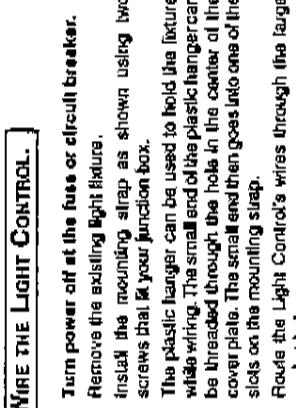
INSTALLATION



For save mount only:



WIRE THE LIGHT CONTROL.



TEST AND ADJUSTMENT

Turn on the circuit breaker and light switch.

NOTE: Sensor has about 1½ minutes warm up period before it will detect motion. When first turned ON, wait about 15 minutes.

Turn the RANGE control to the mid position and the ON-TIME control to the TEST position.



Bottom of Sensor

- Avoid aiming the control at:
- Objects that change temperature rapidly, such as heating vents and air conditioners. These heat sources could cause false triggering.
- Areas where pets or traffic may trigger the control.
- Nearby large, light-colored objects reflecting light may trigger the shut-off feature. Do not point other lights at the sensor.

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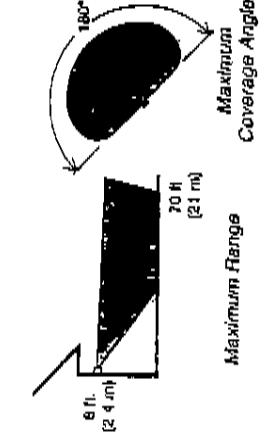
SPEC-O

Motion

SPECIFICATIONS

Range	Up to 70 ft. (21 m) [varies with surrounding temperature].
Staying Angle	Up to 180°
Electrical Load	300 watt incandescent [1:50 each lamp holder].
Power Requirements	120 VAC, 60 Hz
Operating Modes	TEST, AUTO and MANUAL MODE
Time Delay	1, 5, 10 minutes

Health/Zenith reserves the right to discontinue products and to change specifications at any time without incurring any obligation to incorporate new features in products previously sold.



Maximum Coverage Angle

Maximum Range

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TROUBLESHOOTING GUIDE

If you experience a problem with your Light Control, follow this guide.

SYMPTOM	POSSIBLE CAUSE	SYMPTOM	POSSIBLE CAUSE
Lights will not come on.	1. Light switch is turned off. 2. Flood light is loose or burned out. 3. Fuse or blown circuit breaker is turned off. 4. Daylight turn-off is in effect (check clear card). 5. Incorrect circuit wiring. If this is a new installation. 6. Re-arm the sensor to cover desired area.	Lights stay on continuously.	1. A flood lamp is positioned too close to the sensor or pointed at nearby objects that cause heat to trigger the sensor. (Reposition the lamp away from the sensor or nearby objects.) 2. Light Control is pointed toward a heat source like an air vent, dryer vent, or brightly-painted heat-reflective surface. (Reposition sensor.) 3. Light Control is in Manual Mode. (Switch to Auto.)
Lights come on in daylight.	1. Light Control may be installed in a relatively dark location. 2. Light Control is in Test. (Set command switch to an ON-TIME position.)	Lights flash on and off.	1. Heat or light from the lamps may be turning the Light Control on and off. (Reposition the lamps away from the sensor.) 2. Heat being reflected from other objects may be affecting the sensor. (Reposition sensor.) 3. Light Control is in the Test mode and warming up. (Flashing is normal under these conditions.) 4. Light may be leaking through the floodlamp reflectors. (Make sure the metal lamp protectors are installed.)
Lights come on for no apparent reason.	1. Light Control may be detecting small animals or automobile traffic (re-arm sensor). 2. Range is set too high. (Reduce Range.)		

YOUR HEATH/ZENITH TEN YEAR LIMITED WARRANTY

This is a "Limited Warranty" which gives you specific legal rights. You may also have other rights which vary from state to state or province to province. For a period of ten years from the date of purchase, any malfunction caused by factory defective parts or workmanship will be corrected at no charge to you. Light bulbs are not covered. To obtain a refund or a replacement, return the product to the place of purchase.

Not Covered: Regular service, adjustment and calibration due to misuse, abuse or negligence, light bulbs and other expendable items are not covered by this warranty. Unauthorized service or modification of the product or of any furnished component will void the warranty in its entirety. This warranty does not include reimbursement for inconvenience, installation, setup time, loss of use, or unauthorized service.

This warranty covers only Heath/Zenith assembled products and is not extended to other equipment and components that a customer uses in conjunction with our products.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY, REPRESENTATION OR CONDITION OF MERCHANTABILITY OR THAT THE PRODUCTS ARE FIT FOR ANY PARTICULAR PURPOSE OR USE, AND SPECIFICALLY IN LIEU OF ALL SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

REPAIR OR REPLACEMENT SHALL BE THE SOLE REMEDY OF THE CUSTOMER AND THERE SHALL BE NO LIABILITY ON THE PART OF HEATH/ZENITH FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ANY LOSS OF BUSINESS OR PROFITS, WHETHER OR NOT FORESEEABLE. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Return receipt for warranty claims.